

Examiner Bryan J. Fox
Fax No. 703 872-9306

AUG 20 2004

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Attorney Docket #: TW000008 (195-9)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ming-Hung Lin

Serial No.: 09/989,255

Filed: November 20, 2001

For: MOBILE DEVICE, AUXILIARY
RENDERING DEVICE AND
ARRANGEMENTExaminer: Fox, Bryan J.
Group Art: 2686

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

In reply to the Office Action mailed May 21, 2004, please amend the above-identified application as follows:

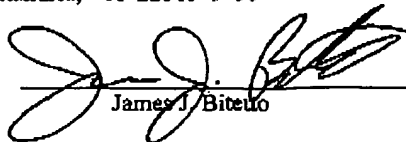
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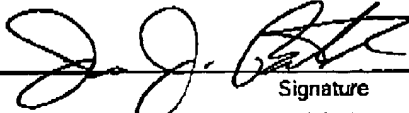
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Applicant: Ming-Hung Lin.; Serial No. 09/989,255; Filed: November 20, 2001
Attorney Docket: TW000008 (195-9)

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Attached is an Amendment Under 37 C.F.R. §1.111 (10 pages)

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IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) A mobile device (110), comprising: primary communication means (201) for establishing a primary communication session via a transcoding proxy (104) with a content server; (101), and auxiliary communication means (202) for establishing an auxiliary communication session with an auxiliary rendering device (120), characterized by means for adapting the auxiliary communication session including content of the primary communication session that is adapted to the capabilities of the auxiliary rendering device (120), wherein the auxiliary communication means are arranged for receiving an assistance message from the auxiliary rendering device, the assistance message comprising information on the rendering capabilities of the auxiliary rendering device.

2. (currently amended) ~~A~~ The mobile device (110) as claimed in claim 1, ~~characterized by comprising~~ rendering means (203) for rendering content received in the primary communication session; and rendering control means (205) for examining the content and redirecting the content to one of the rendering means (203) and the auxiliary communication means (202) in dependence on the examination, ~~whereby~~ wherein the auxiliary communication means (202) are arranged for transmitting the content via the auxiliary communication session for rendering by the auxiliary rendering device (120).

3. (currently amended) ~~A~~ The mobile device (110) as claimed in claim 1, ~~characterized in that wherein~~ the auxiliary communication means (202) are arranged ~~for receiving an assistance message from the auxiliary rendering device (120), the assistance message comprising information on the capabilities of the auxiliary rendering device (120), and for establishing the auxiliary communication session in response to the assistance message, and the primary communication means (201) are arranged for transmitting said information on the rendering capabilities to the transcoding proxy (104).~~

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4. (currently amended) A The mobile device (110) as claimed in claim 3, ~~characterized in that wherein~~ the auxiliary communication means (202) are arranged for transmitting an assistance request to at least one auxiliary rendering device (120).

5. (currently amended) A The mobile device (110) as claimed in claim 4, ~~characterized in that wherein~~ the primary communication means (201) are arranged for receiving a communication request for establishing the primary communication session, and the auxiliary communication means (202) are arranged for transmitting the assistance request in response to receiving the communication request.

6. (currently amended) A The mobile device (110) as claimed in claim 4, ~~characterized in that wherein~~ the auxiliary communication means (202) are arranged for transmitting the assistance request when a level for the quality of a previously established auxiliary communication session drops below a predetermined value.

7. (currently amended) A The mobile device (110) as claimed in claim 3, ~~characterized in that wherein~~ the auxiliary communication means (202) are arranged for ending the auxiliary communication session and establishing a further auxiliary communication session in response to receiving a further assistance message from a further auxiliary rendering device (121), said further assistance message comprising information on the capabilities of the further auxiliary rendering device (121), and in that the primary communication means (201) are arranged for transmitting said information on the capabilities to the transcoding proxy (104) in response to receiving the further assistance message.

8. (currently amended) An auxiliary rendering device, (120) comprising: mobile device communication means (210) for establishing an auxiliary communication session with a mobile device (110); and rendering means (211) for rendering content received in the auxiliary communication session, ~~characterized in that wherein the~~ mobile device communication means (210) are arranged for transmitting an assistance message

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comprising information on the rendering capabilities of the auxiliary rendering device ~~(120)~~ to the mobile device ~~(110)~~.

9. (currently amended) ~~An~~ The auxiliary rendering device ~~(120)~~ as claimed in claim 8, ~~characterized in that~~ wherein the mobile device communication means ~~(201)~~ are arranged for transmitting the assistance message to the mobile device in response to receiving an assistance request from the mobile device ~~(110)~~.

10. (cancelled)

11. (new) The auxiliary rendering device as claimed in Claim 1, wherein the rendering capabilities are without specification to available physical transferring media.

12. (new) The mobile device as claimed in Claim 1, further comprising selection means for selecting a most suitable auxiliary rendering device from among a plurality of auxiliary rendering devices based on the rendering capabilities of each of the plurality of auxiliary rendering devices as specified in a plurality of assistance messages respectively received from the plurality of auxiliary rendering devices.

13. (new) The mobile device as claimed in Claim 1, further comprising selection means for selecting the auxiliary rendering device from among a plurality of auxiliary rendering devices based on at least one of a proximity to the mobile device, and a quickest response time from among each of a plurality of auxiliary rendering devices.

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14. (new) The mobile device as claimed in Claim 1, further comprising a timer for timing a time period during which at least one of a plurality of auxiliary rendering devices must respond to the assistance message to avoid an indication that none of the plurality of auxiliary rendering devices are currently available.

15. (new) The mobile device as claimed in Claim 1, further comprising a Radio Frequency (RF) level scanner for scanning an RF level of the auxiliary communication session and comparing the scanned RF level to a predefined threshold to determine whether the auxiliary communication session is to be migrated to another auxiliary rendering device.

16. (new) The mobile device as claimed in Claim 1, wherein the content includes audio content and video content.

17. (new) The auxiliary rendering device as claimed in Claim 8, wherein the rendering capabilities are without specification to available physical transferring media.

18. (new) The mobile device as claimed in Claim 8, wherein the content includes audio content and video content.